

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

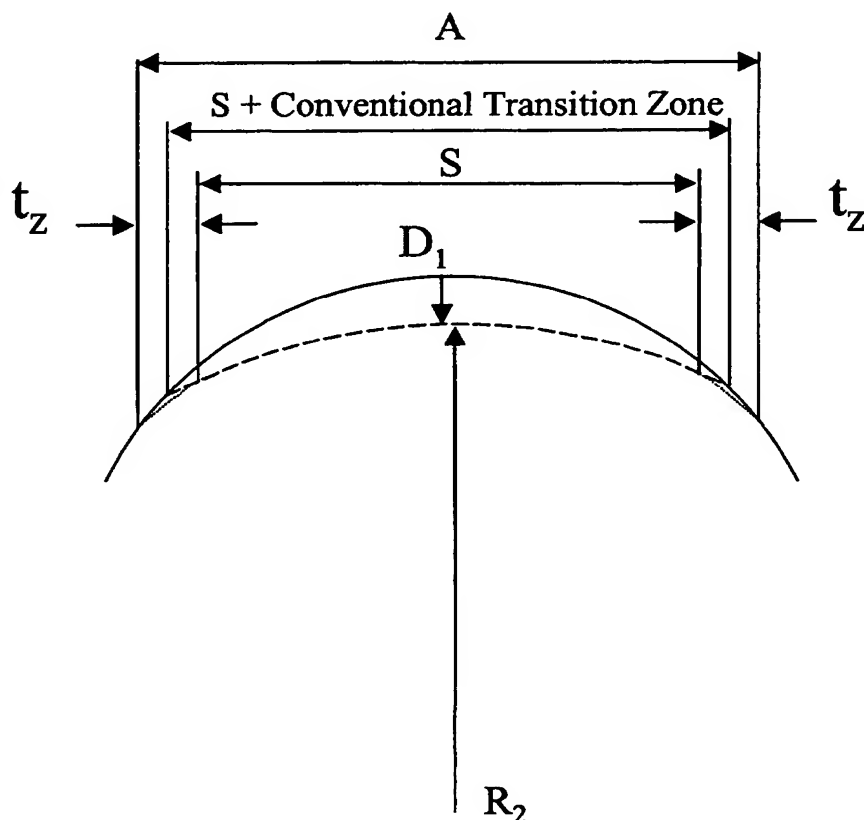
PCT

(10) International Publication Number
WO 2004/034928 A2

- (51) International Patent Classification⁷: **A61F** (US). MAHMOUD, Ashraf [US/US]; 430 Thackeray Avenue, Worthington, OH 43085 (US).
- (21) International Application Number: PCT/US2003/032616 (74) Agents: JIVIDEN, William, A. et al.; Dinsmore & Shohl, LLP, One South Main Street, Suite 500, One Dayton Centre, Dayton, OH 45402-2023 (US).
- (22) International Filing Date: 15 October 2003 (15.10.2003)
- (25) Filing Language: English (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (26) Publication Language: English (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
- (30) Priority Data: 60/418,511 15 October 2002 (15.10.2002) US
- (71) Applicant (*for all designated States except US*): THE OHIO STATE UNIVERSITY [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): ROBERTS, Cynthia [US/US]; 7259 Lyon Drive, Columbus, OH 43220

[Continued on next page]

(54) Title: CUSTOMIZED TRANSITION ZONE SYSTEM AND METHOD FOR AN ABLATION PATTERN



(57) Abstract:— The present invention discloses a corneal refractive procedure providing a customized transition zone. The customized transition zone provided according to the methods and systems of the present invention exhibits continuous curvature between an ablated optical zone and a non-ablated zone to address curvature discontinuity at the edge of the optical zone, thereby minimizing the biomechanical response and its postoperative effects on vision.



SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

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